**Homework 68** Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Angles in the Coordinate Plane** Period:\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Failure to show all work and write in complete sentences will result in LaSalle!**

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| 1) Draw a 50° angle.    a. Find ***two*** positive angles that are coterminal with the given angle.  b. Find ***two*** negative angles that are coterminal with the given angle. | 2) Draw a -230° angle.    a. Find ***two*** positive angles that are coterminal with the given angle.  b. Find ***two*** negative angles that are coterminal with the given angle. |
| 3) Draw a -480° angle.    a. Find ***two*** positive angles that are coterminal with the given angle.  b. Find ***two*** negative angles that are coterminal with the given angle. | 4) Beyonce drew an angle of -495° below.    a. Describe Beyonce’s mistake below:  b. Beyonce found that a positive coterminal angle of  -495° is -135° because you add a positive 360°. Explain Beyonce’s mistake below: |